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Product Data Sheet		Group BI _a - Annex G EN14411:2016		
Intended use of the material: Floor and wall tiles for interior				
Type of material: Glazed porcelain tiles, dry pressed.				
Format: 30x60 Rett. (W=296x595x10mm); 60x60 Rett. (W=595x595x10mm); 60x120 Rett. (W=595x1192x10mm); 90x90 Rett. (W=900x900x10mm).				
Series : Mun Mat				
Kind of test			Refering standard	Standard value
Dimensions	Length and width tolerances		UNI EN ISO 10545-2	± 0,6%; ± 2,0 mm
	Thickness tolerances			± 5%; ± 0,5 mm
	Tolerance straightness of the sides			± 0,5%; ± 1,5 mm
	Squareness and flatness tolerances			± 0,5%; ± 2,0 mm
Physical Properties	Determination of water absorption		UNI EN ISO 10545-3	≤ 0,5%
	Determination of breaking strength		UNI EN ISO 10545-4	≥ 1300 N
	Determination of modulus of rupture		UNI EN ISO 10545-4	≥ 35 N/mm²
	Det. of resistance to surface abrasion glazed tile		UNI EN ISO 10545-7	Classification: PEI V
	Thermal Shock resistance		UNI EN ISO 10545-9	resistant
	Determination of frost resistance		UNI EN ISO 10545-12	resistant
	Determination of scratch hardness Mohs scale		Mohs - EN101	Scratch Mohs: 9
	Determination of slip resistance			
	Determination of dinamic coefficient of friction (DCOF)		BOT 3000 (ANSI A 137.1:2012)	≥0.42
	Determination of the property antislid of bathed zones on which it walks knots on foot		DIN 51097 (a/b/c)	Slide angle: /
				Classification: B
	Determination of anti-slippery characteristic (work's zone with high risk of slippery)		DIN 51130	Slide angle: /
				Classification: R10
Determination of static coefficient of friction		ASTM C1028	Dry Neolite: /	
			Wet Neolite: /	
Chemical Resistance	Determination of resistance to stains			
	Stains having tracing action (pastes) <i>Green staining agent in light oil</i>		UNI EN ISO 10545- 14	Classification: 5
	Stains having chemical/oxdizing action <i>Lodine/alcohol solution, 13 g/l</i>			Classification: 5
	Stains having filming action <i>Olive oil</i>			Classification: 5

	Determination of chemical resistance		
	Household chemicals <i>Ammonium chloride</i>	UNI EN ISO 10545- 13	Classification: A
	Swimming pool salts <i>Sodium hyupochlorite</i>		Classification: A
	Determination of resistance acids and alkaline		
	Citric acid	UNI EN ISO 10545- 13	Classification: LA
	Hydrochloric acid		Classification: LA
	Potassium hydroxide		Classification: LA
	The values in the table refer to the tests performed on color <i>White</i>		

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